

KHSRP Antibody



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W	H M R Mk	Endogenous	82	Rabbit	#Q92945	8570

Product Usage Information

Application

Western Blotting

Dilution

1:1000

Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity

KHSRP Antibody detects endogenous levels of total KHSRP protein.

Source / Purification

Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human KHSRP protein. Antibodies are purified by protein A and peptide affinity chromatography.

Background

KHSRP, also known as KSRP, is a KH domain-containing AU-rich element (ARE) binding protein (1). It recruits degradation machinery and activates mRNA turnover (2). This protein was previously shown to function as a regulator for splicing (3). KHSRP associates with both the Drosha and Dicer multiprotein complexes (4), and controls the biogenesis of some microRNAs by binding to the terminal loops of these microRNA precursors (3). KHSRP is found in neural and non-neural cell types in both the nucleus and the cytoplasm (4).

Background References

1. Gherzi, R. et al. (2006) *PLoS Biol* 5, e5.
2. Gherzi, R. et al. (2004) *Mol Cell* 14, 571-83.
3. Min, H. et al. (1997) *Genes Dev* 11, 1023-36.
4. Trabucchi, M. et al. (2009) *Nature* 459, 1010-4.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween@ 20 at 4°C with gentle shaking, overnight.

Applications Key

W: Western Blotting

Cross-Reactivity Key

H: Human **M:** Mouse **R:** Rat **Mk:** Monkey

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